

SECRET

NPIC/R-5/65

January 1965

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

MISSION 3981

3 JANUARY 1965

25X1A

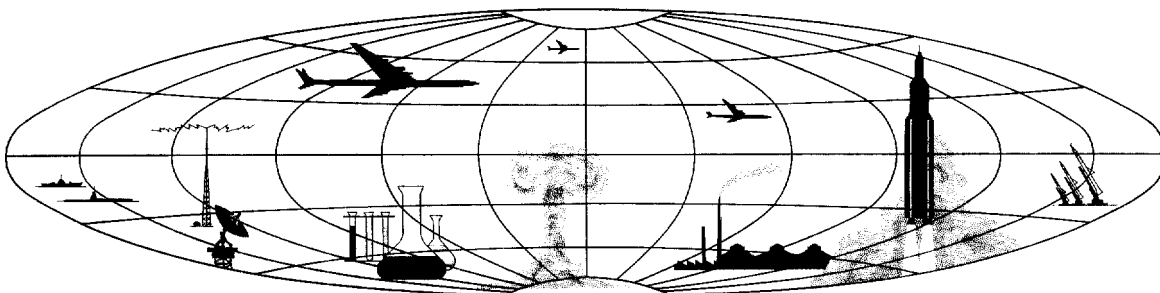


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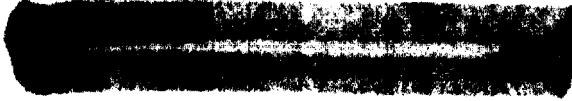


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



SECRET



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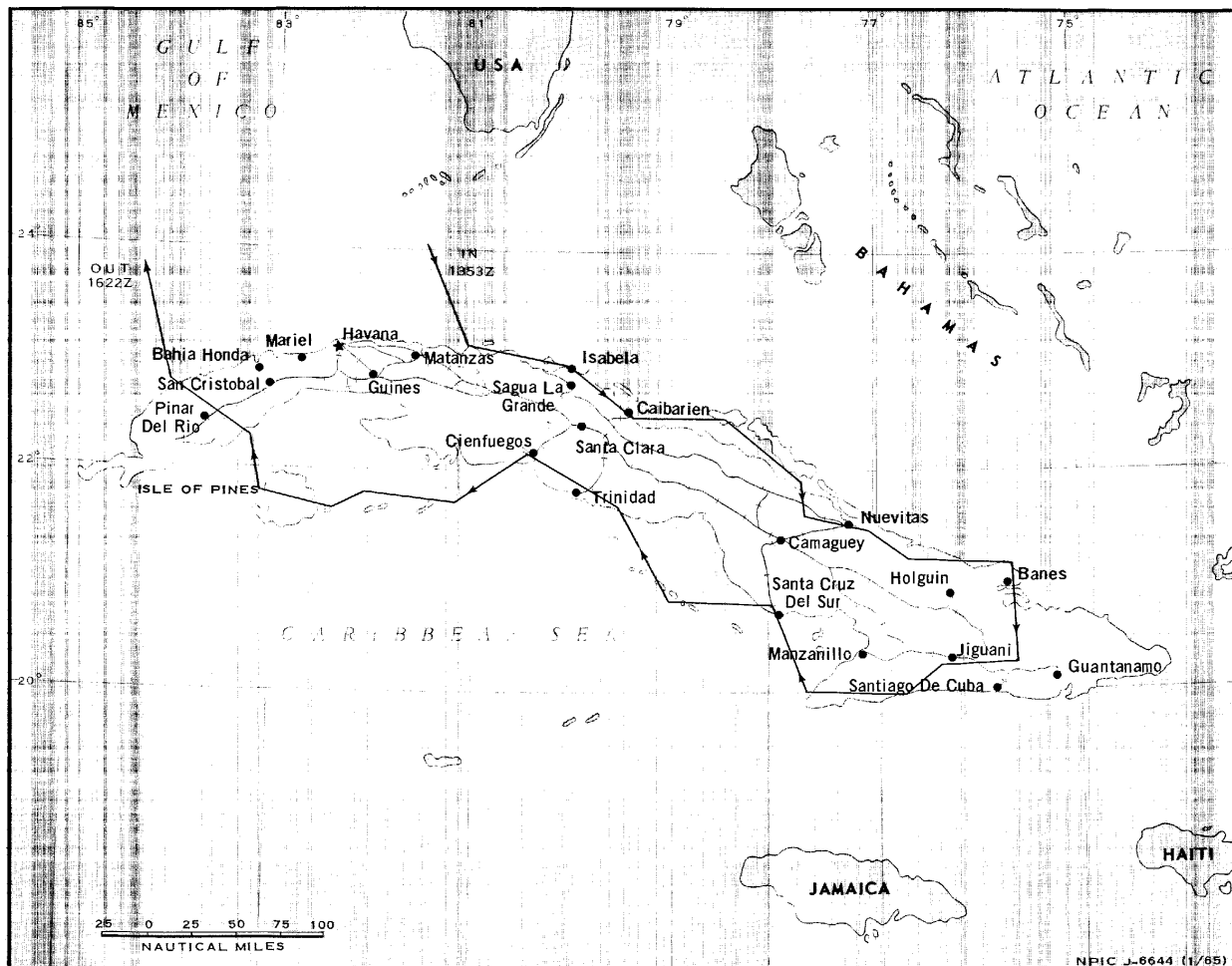
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PREFACE

25X1A

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3981, DATED 3 JAN 1965. THE NUMBER APPEARING AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).



APPROXIMATE TRACK OF [REDACTED] MISSION 3981, 3 JANUARY 1965

25X1A

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MISSILES

25X1A

CAIBARIEN SAM SITE

CU 2228N 07929W

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES), 1 MISSILE TRANSPORTER ON RING ROAD, 1 CANVAS-COVERED MISSILE IN HOLD AREA, 6 PROBABLE TRACKED PRIME MOVERS, 1 CANVAS-COVERED PARKING AREA, 2 CARGO TRUCKS, 4 PROBABLE VAN TRUCKS, 1 UTILITY TRUCK, 4 OTHER VEHICLES AND A GUIDANCE AREA WITH RADAR, AND AT LEAST 5 VAN TRAILERS OBSERVED.

THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.
NO APPARENT CHANGE IN PERMANENT FACILITIES. EIGHT LARGE TENTS (4 NON-SOVIET) OBSERVED.

25X1D

SIGUANE SAM SITE

CU 2137N 08257W

SIX LAUNCHERS (5 REVIEWED AND CANVAS-COVERED), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 6 CANVAS-COVERED TRACKED PRIME MOVERS, 14 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, 4 VAN TRUCKS, 2 UTILITY TRUCKS, 3 VAN TRAILERS, AT LEAST 12 MISSILE CANISTERS AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED.

AREA SSE -- 13 CARGO TRUCKS AND 4 OTHER VEHICLES.
AREA NW -- 9 UTILITY TRUCKS AND 12 PROBABLE MORTARS.

25X1D

MALDONADO SAM SITE

CU 2012N 07528W

SIX REVIEWED LAUNCHERS, AT LEAST 6 POSSIBLE MISSILE TRANSPORTERS IN A CANVAS-COVERED REVETMENT, 4 CARGO TRUCKS, 18 OTHER VEHICLES AND A GUIDANCE REVETMENT WITH RADAR, 4 VAN TRAILERS AND SHED-COVERED EQUIPMENT OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMAGUEY AIRFIELD SAM SITE

CU 2122N 07750W

SIX UNREVIEWED LAUNCHERS (4 PROBABLY WITH MISSILES), AT LEAST 4 MISSILE TRANSPORTERS (1 WITHOUT PRIME MOVER), 2

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POSSIBLE MISSILE TRANSPORTERS WITHOUT PRIME MOVERS, 12 TRACKED PRIME MOVERS, 6 CARGO TRUCKS, 6 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED.

THREE ADDITIONAL LAUNCHERS, 6 VAN TRUCKS AND 6 VAN TRAILERS LOCATED ADJACENT TO RING ROAD.

FACILITIES -- 1 LARGE NON-SOVIET TENT AND AT LEAST 2 MEDIUM NON-SOVIET TENTS.

THE PREVIOUSLY REPORTED 3-GUN AAA SITE AT UTM 18QTU065674 IS NOW AN OCCUPIED 6-GUN AAA SITE. (AMS SERIES E723, SHEET 4680-III, 2D ED.)

25X1D

HOLGUIN SAM SITE

CU 2052N 07627W

TWO UNREVETTED LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS, 10 POSSIBLE TRACKED PRIME MOVERS, 11 OTHER VEHICLES AND 3 PROBABLE VAN TRAILERS OBSERVED IN CLOUD-FREE AREAS.

25X1A

25X1D

NUEVITAS SAM SITE 2

CU 2132N 07717W

SIX UNREVETTED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, 12 CANVAS-COVERED TRACKED PRIME MOVERS, AT LEAST 6 OTHER VEHICLES AND A GUIDANCE AREA WITH RADAR, 7 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

PRESTON SAM SITE

CU 2044N 07538W

SIX REVETTED LAUNCHERS (1 POSSIBLY WITH MISSILE), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 11 PROBABLE TRACKED PRIME MOVERS AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1D

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25X1A

MATA SAM SITE

CU 2235N 07955W

TWO UNREVIEWED LAUNCHERS AND A GUIDANCE AREA WITH PROBABLE RADAR, 5 PROBABLE VAN TRUCKS AND 6 VAN TRAILERS OBSERVED. NO APPARENT CHANGE IN FACILITIES. OBLIQUITY LIMITS INTERPRETATION.

25X1D

SAN DIEGO DEL VALLE SAM SITE

CU 2232N 08003W

AT LEAST 5 UNREVIEWED LAUNCHERS, AT LEAST 10 POSSIBLE UNIDENTIFIED VEHICLES AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

SIGUANEA CRUISE-MISSILE SITE

CU 2137N 08258W

TWO REVIEWED LAUNCHERS (1 CANVAS-COVERED), 5 CANVAS-COVERED CRUISE-MISSILE TRANSPORTERS (3 WITHOUT PRIME MOVERS), 1 POSSIBLE CRUISE-MISSILE TRANSPORTER, 9 CRUISE-MISSILE CRATES, 2 TRUCK TRACTORS, 1 TRUCK-MOUNTED CRANE, 3 CARGO TRUCKS, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.

25X1D

MAYARI ARRIBA CRUISE-MISSILE ACTIVITY

CU 2027N 07531W

TWENTY-THREE CRUISE-MISSILE CRATES, 6 CRUISE-MISSILE-RELATED VEHICLES, 1 AT-T TRACKED PRIME MOVER, 18 CARGO TRUCKS, 2 VAN TRUCKS, AND 30 OTHER VEHICLES OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07955W

AIRCRAFT -- 14 FAGOT/FRESCO, 10 HOUND (6 WITHOUT

ROTORS), 2 PROBABLE HARE AND 1 POSSIBLE LIAISON.

25X1D

[REDACTED]

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

AIRCRAFT -- 1 CRATE AND 2 COLT.

25X1D

[REDACTED]

SIGUANEY AIRFIELD

CU 2138N 08257W

NO AIRCRAFT OBSERVED.

25X1D

[REDACTED]

ANTONIO MACEO AIRFIELD

CU 1958N 07550W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

CORONEL PASCUAL AIRFIELD

CU 2307N 08117W

AIRCRAFT -- 2 CRATE, 2 LIAISON AND 2 HOUND.

25X1D

[REDACTED]

JAIME GONZALES AIRFIELD

CU 2209N 08024W

NO AIRCRAFT OBSERVED.

25X1D

[REDACTED]

BAYAMO AIRFIELD EAST

CU 2022N 07637W

AIRCRAFT -- 5 POSSIBLE COLT.

25X1D

[REDACTED]

25X1A

PINAR DEL RIO AIRFIELD

CU 2225N 08340W

AIRCRAFT -- 2 HOUND, 3 COLT AND 2 LIAISON.

25X1D

CAIBARIEN AIRFIELD

CU 2230N 07928W

AIRCRAFT -- 2 LIAISON.

25X1D

BAYAMO AIRFIELD

CU 2023N 07637W

NO AIRCRAFT OBSERVED.

25X1D

NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE

CU 2136N 08258W

VESSELS -- 1 YP AND 1 PROBABLE YACHT.

25X1D

CIENFUEGOS NAVAL BASE

CU 2208N 08027W

VESSELS -- 1 KRONSTADT-CLASS PC, 1 PCE, 10 P-6 MTB (2 ON MARINE RAILWAY), 3 YP, AND 1 LARGE FREIGHTER.

25X1D

SANTIAGO DE CUBA NAVAL BASE AND PORT

CU 2001N 07550W

VESSELS -- 3 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

NUEVITAS PORT

CU 2132N 07715W

VESSELS -- 2 LARGE FREIGHTERS.

25X1D

CARDENAS PORT

CU 2302N 08111W

NO LARGE VESSELS OBSERVED.

25X1D

CASILDA PORT

CU 2145N 07959W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

MATANZAS PORT

CU 2302N 08134W

VESSELS -- 2 PROBABLE LARGE FREIGHTERS.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

KAWAMA MARINA

CU 2307N 08117W

VESSELS -- 2 POSSIBLE P-4 MTB.

25X1D

ELECTRONICS/COMMUNICATIONS

CABO CRUZ LOW-SIEVE RADAR SITE

CU 1951N 07744W

ONE PROBABLE LOW SIEVE RADAR LOCATED IMMEDIATELY SW OF
THE CABO CRUZ LIGHTHOUSE AT UTM 18QTS144960.
(AMS SERIES E723, SHEET 4675-I, 1ST ED.)

25X1D

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MILITARY ACTIVITY

25X1A

OFELIA MILITARY CAMP

CU 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.
THIRTY-SIX TANKS/SP GUNS, 96 CARGO TRUCKS, 3 VAN
TRUCKS, 9 UTILITY TRUCKS, 2 CARGO TRAILERS, 32 FA
PIECES, 18 AAA PIECES, AND 30 MORTARS OBSERVED.

25X1D

REMEDIOS MILITARY AREA

CU 2227N 07935W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 200 CARGO TRUCKS, 10 OTHER VEHICLES, 4 CARGO
TRAILERS, AND 12 PROBABLE FA PIECES OBSERVED.
CAMP 0.8 NM NW -- NO VEHICLES OBSERVED.

25X1D

CAMAGUEY MILITARY CAMP

CU 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.
FIFTY-SEVEN CARGO TRUCKS, 31 FA PIECES AND 17 PROBABLE
MORTARS OBSERVED.

25X1D

EL CRISTO MILITARY INSTALLATION

CU 2008N 07547W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-SEVEN CARGO TRUCKS, AND 10 PROBABLE MORTARS
OBSERVED.

25X1D

SANTA FE MILITARY CAMP LUMUMBA

CU 2142N 08249W

NO APPARENT CHANGE IN FACILITIES.
EIGHT UNIDENTIFIED VEHICLES OBSERVED IN CLOUD-FREE
AREAS.

25X1D

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25X1A

CANTEL MILITARY CAMP

CU 2302N 08119W

NO APPARENT CHANGE IN FACILITIES.
SIX POSSIBLE UNIDENTIFIED VEHICLES OBSERVED.

25X1D

TRINIDAD AREA POSS MIL HEADQUARTERS

CU 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 30 CARGO TRUCKS AND AT LEAST 3 POSSIBLE FA
PIECES OBSERVED.

25X1D

ANTON RECIO MILITARY INSTALLATION

CU 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-FOUR TANKS/SP GUNS, 7 CARGO TRUCKS AND 3 OTHER
VEHICLES OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED. SIXTEEN CARGO
TRUCKS AND 9 ADDITIONAL AAA PIECES OBSERVED AT SITE.

25X1D

MINAS MILITARY CAMP

CU 2127N 07734W

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN TANKS/SP GUNS, 12 CARGO TRUCKS, 6 OTHER
VEHICLES AND 9 UNIDENTIFIED PIECES OF EQUIPMENT
OBSERVED.
THE THREE 3-GUN AAA SITES REMAIN OCCUPIED.

25X1D

MARTI AREA ARMOR TRAINING AREA

CU 2258N 08059W

NO APPARENT CHANGE IN FACILITIES.
THREE PROBABLE TANKS/SP GUNS AND 8 OTHER VEHICLES
OBSERVED.

25X1D

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25X1A

SANTA ISABEL FINCA MILITARY CAMP

CU 2005N 07528W

MAIN CAMP -- 30 CARGO TRUCKS AND 4 FA PIECES/MORTARS.
CAMP 1.0 NM NORTH -- 4 CARGO TRUCKS AND 6 AAA PIECES.

25X1D

DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 140 VEHICLES, 50 FA PIECES AND 18 MORTARS/AAA
PIECES OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

SANTA FE MILITARY AREA

CU 2144N 08247W

MAIN CAMP -- AT LEAST 15 PROBABLE CARGO TRUCKS AND 11
PROBABLE FA PIECES.
CAMP 1.5 NM WNW -- AT LEAST 12 PROBABLE CARGO TRUCKS.
THE 6-GUN AAA SITE REMAINS OCCUPIED.
CAMP 4.8 NM NW -- AT LEAST 20 PROBABLE CARGO TRUCKS.
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D

HEREDIA MILITARY CAMP

CU 2134N 07800W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.
TWENTY-NINE UNIDENTIFIED VEHICLES OBSERVED.
CAMP 0.5 NM NE -- 15 UNIDENTIFIED VEHICLES OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

PUERTO PADRE MILITARY AREA

CU 2111N 07639W

NO APPARENT CHANGE IN FACILITIES.
SUPPORT AREA -- 19 CARGO TRUCKS, 1 UTILITY TRUCK AND 8
OTHER VEHICLES.
RANGE AREA -- 1 UTILITY TRUCK AND 2 OTHER VEHICLES.

25X1D

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

25X1A

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
CAIBARIEN PORT	2231N 07928W
PUERTO PADRE PORT	2113N 07632W
CAMAGUEY EW/GCI RADAR SITE	2121N 07751W
SAGUA LA GRANDE EW/GCI RADAR SITE	2250N 08005W
SANTA CLARA EW/GCI RADAR SITE	2229N 07956W
VARADERO LOW-SIEVE RADAR SITE	2312N 08108W
JURAGUA MILITARY ACTIVITY	2209N 08035W
HOLGUIN MILITARY CAMP NW	2057N 07616W
CORRALILLO MILITARY AREA	2301N 08038W
VARADERO LANDING BEACH	2308N 08118W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
NICARO LANDING BEACH	2042N 07533W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A

SANTIAGO DE CUBA SAM SITE	1959N 07550W
CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
SANTA CLARA SAM SITE	2229N 08000W
HOLGUIN AIRFIELD	2047N 07618W
LIMONAR EW/GCI RADAR SITE	2255N 08126W
HOLGUIN EW/GCI RADAR SITE	2048N 07618W
RANCHO LUNA LOW-SIEVE RADAR	2202N 08025W
HOLGUIN MILITARY CAMP	2053N 07613W
ALTO CEDRO MILITARY CAMP	2029N 07600W
LIMONAR MILITARY CAMP SE	2255N 08124W
MACAGUA MILITARY CAMP	2050N 07610W
LIMONAR TANK TRAINING AREA	2254N 08121W
GUANABANA AREA MILITARY CAMP	2258N 08134W
LA VEGUITA MILITARY CAMP	2049N 07615W
SANTA CLARA MILITARY CAMP CUBANACAN	2224N 07952W
CUABITAS MILITARY CAMP	2003N 07548W
MATANZAS LANDING BEACH	2301N 08126W

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